MEMORANDUM



Date:

MARCH 20, 2007

To:

Honorable Chairman Bruno A. Barreiro

and Members, Board of County Commissioners

From:

George V. Rurgess County Manager ÄGENDA ITEM NO. 14(A)9

Subject:

Request to Advertise for Construction of the Miami-Dade Fire Rescue Training Facility; Project No.

A05-FIRE-01-CON; Contract No. MDFR-TR-01-02R-CON

Recommendation

This Request to Initiate and Advertise for Construction contract for Contract No: MDFR-TR-01-02R-CON has been prepared by and is recommended for approval.

Scope

PROJECT NAME:

Miami-Dade Fire Rescue Training Facility

PROJECT NO:

A05-FIRE-01-CON

CONTRACT NO:

MDFR-TR-01-02R-CON

PROJECT DESCRIPTION:

The Miami Dade Fire Rescue Department (MDFRD) Training Facility will be located at 9300 NW 41st Street, Miami, Florida 33178. The design is composed of a 44,000 square feet (approximately) multiple story fire rescue training facility, main administration building and associated support facilities inclusive of classrooms, dormitory space, haz-mat area, confined space area, exterior live props, exercise room, apparatus area, pool and paved access roads and parking. The scope of services shall include construction and permitting of the Training Complex and design and

construction of specialized Fire Training Props.

PROJECT LOCATION:

Miami-Dade Fire Rescue Headquarters, 9300 NW 41st Street, Miami, FL

33178

PRIMARY COMMISSION

DISTRICT:

District 12

Jose "Pepe" Diaz

APPROVAL PATH:

Board of County Commissioners

USING DEPARTMENT:

Miami-Dade Fire Rescue Department

MANAGING DEPARTMENT:

Miami-Dade Fire Rescue Department

Fiscal Impact / Funding Source

FUNDING SOURCE:

Special Obligation Bonds (SOB)

PTP FUNDING:

No

GOB FUNDING:

No

CAPITAL BUDGET

BUDGET PROJECT / DESCRIPTION

RTA ESTIMATE

PROJECTS: 3720181-TRAINING COMPLEX

Book Page: 27 Funding Year: 2006-2007

\$26,900,000.00

3720181-TRAINING COMPLEX

\$1,502,060.90

Book Page: Proposed Funding Year: Proposed FY 2007-08

Project Totals: \$28,402,060.90

ESTIMATED CONTRACT

PERIOD:

400

Calendar days.

ESTIMATED CONTINGENCY

PERIOD:

IG FEE INCLUDED IN BASE Yes

CONTRACT:

ART IN PUBLIC PLACES:

Yes

BASE ESTIMATE:

\$26,415,258.00

CONTINGENCY

ALLOWANCE (SECTION 2-

8.1 MIAMI DADE COUNTY

CODE):

TYPE

PERCENT AMOUNT

COMMENT

New 5% \$1,320,762.90

ART IN PUBLIC PLACES:

Construction \$416,040.00

1.50%

PERMIT FEES:

\$250,000.00

0.00% **Estimated Amount**

TOTAL DEDICATED

ALLOWANCE:

\$666,040.00

COST ESTIMATE:

\$28,402,060.90

Track Record / Monitor

EXPLANATION:

MINIMUM QUALIFICATIONS N/A

EXCEED LEGAL REQUIREMENTS:

REVIEW COMMITTEE:

MEETING DATE: 2/21/2007 SIGNOFF DATE: 2/21/2007

RESPONSIBLE WAGES:

Yes

REVIEW COMMITTEE ASSIGNED CONTRACT **MEASURE GOAL**

COMMENT

MEASURES:

CSBE

20.00%

CWF

0.00% Not applicable

MANDATORY CLEARING

HOUSE:

Yes

CONTRACT MANAGER

NAME/PHONE/EMAIL:

Gianni Lehmann

(786) 331-4502

lehmann@miamidade.gov

PROJECT MANAGER NAME/PHONE/EMAIL:

Alfonso Ledo

(786) 331-4503

aledo@miamidade.gov

Background

BACKGROUND:

This project is for permitting and construction of a state of the art Fire Rescue Training Facility. Designed by the firm of Spillis, Candela, DMJM, the facility will be located adjacent to the existing headquarters complex and will provide the most effective and realistic simulation teaching tools, equipment, systems and scenarios to meet and support the growing needs of the Miami-Dade Fire Rescue Department. This 44,000 square foot facility (error in book reflects only 40,000 square feet) project is identified on page 29 of the FY 2006-07 Adopted Capital Budget. The project is funded through from Special Obligation Bond debt proceeds authorized by the voters in 1994. Due to the delay in design and construction, additional funding will include 2006 capital improvement bonds, 2002 capital asset acquisition bonds and an allocation Miami-Dade Fire Rescue capital outlay reserve. The current cost estimate for this RTA, including Art in Public Places allocation and a \$1.3 million contingency, is \$28.4 million, compared to \$24.6 million in the FY 2007 adopted capital budget. The current estimate will require an allocation of \$3.8 million, \$2.5 from the capital asset bonds and \$1.3 million from MDFR capital outlay reserve.

BUDGET APPROVAL FUNDS AVAILABLE:

OSBM DIRECTOR

APPROVED AS TO **LEGAL SUFFICIENCY:**

STRATEGIC AREA: Public Safety DEPARTMENT: Fire Rescue							****** FUNDED PROJECTS ****** (dollars in thousands)			
OCEAN RESCUE TOWER REPAIRS							PROJECT # 372210			
DESCRIPTION: Repair and replacement of lifegu	uard towers	•	•							
LOCATION: Various Sites										
Various Sites		•		DISTRICT LO	CATED:	Countywide				
ESTIMATED ANNUAL OPERATING IMPAC	T: Minimal		DISTRICT(s			Countywide				
REVENUE SCHEDULE:	PRIOR	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	FUTURE	TOTA	
Capital Outlay Reserve	0	150	0	0	0	0	0	0	150	
TOTAL REVENUE:	0	150	0	0	0	0	0	0	150	
EXPENDITURE SCHEDULE:	PRIOR	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	FUTURE	TOTAL	
Project Contingency	0	50	0	0	0	0	0	0	50	
Other	0	100	0	0	0	0	0	0	100	
TOTAL EXPENDITURES:	0	150	0	0	0	0	0	0	150	
Support Facilities FRAINING COMPLEX DESCRIPTION: Construct a 40,000 square foot fiftness, and aerobic areas	re rescue trai	ning facility to	indude dass	crooms, trainin	ng tower, burn	n room, simulat	ion facilities	PROJECT #		
PRAINING COMPLEX DESCRIPTION: Construct a 40,000 square foot fiftness, and aerobic areas LOCATION: 9300 NW 41 St Doral		ning facility to		DISTRICT LO	CATED:	12	ion facilities			
RAINING COMPLEX DESCRIPTION: Construct a 40,000 square foot fiftness, and aerobic areas LOCATION: 9300 NW 41 St Doral ESTIMATED ANNUAL OPERATING IMPACT	r: \$3 00	•		DISTRICT LO	CATED: SERVED:	12 Systemwide		, driver trainin	g, physic	
PRAINING COMPLEX DESCRIPTION: Construct a 40,000 square foot fiftness, and aerobic areas LOCATION: 9300 NW 41 St Doral ESTIMATED ANNUAL OPERATING IMPACT	F: \$300 PRIOR	2006-07	2007-08	DISTRICT LO DISTRICT(s) 2008-09	CATED: SERVED: 2009-10	12 Systemwide 2010-11	2011-12	, driver trainin	g, physic	
PRAINING COMPLEX DESCRIPTION: Construct a 40,000 square foot fiftness, and aerobic areas LOCATION: 9300 NW 41 St Doral ESTIMATED ANNUAL OPERATING IMPACT EVENUE SCHEDULE: Court Settlement	F: \$300 PRIOR 500	2006-07	2007-08 0	DISTRICT LO DISTRICT(s) 2008-09 0	CATED: SERVED: 2009-10 0	12 Systemwide 2010-11 0	2011-12 °	, driver trainin FUTURE 0	g, physic TOTAL 500	
PRAINING COMPLEX DESCRIPTION: Construct a 40,000 square foot fiftness, and aerobic areas LOCATION: 9300 NW 41 St Doral ESTIMATED ANNUAL OPERATING IMPACT EEVENUE SCHEDULE: Court Settlement 994 Fire Rescue District Bonds	F: \$300 PRIOR 500 3,023	2006-07 0 0	2007-08 0 0	DISTRICT LO DISTRICT(s) 2008-09 0 0	CATED: SERVED: 2009-10 0	12 Systemwide 2010-11 0	2011-12	, driver trainin FUTURE 0 0	TOTAL 500 3,023	
PRAINING COMPLEX DESCRIPTION: Construct a 40,000 square foot fiftness, and aerobic areas LOCATION: 9300 NW 41 St Doral ESTIMATED ANNUAL OPERATING IMPACT EVENUE SCHEDULE: Court Settlement 994 Fire Rescue District Bonds 002 Fire Rescue District Bonds	F: \$300 PRIOR 500 3,023 17,795	2006-07 0 0	2007-08 0 0	DISTRICT LO DISTRICT(s) 2008-09 0 0 0	CATED: SERVED: 2009-10 0 0	12 Systemwide 2010-11 0 0	2011-12 0 0 0	, driver trainin FUTURE 0 0 0	TOTAL 500 3,023 17,795	
PRAINING COMPLEX DESCRIPTION: Construct a 40,000 square foot fiftness, and aerobic areas LOCATION: 9300 NW 41 St Doral ESTIMATED ANNUAL OPERATING IMPACT EVENUE SCHEDULE: Court Settlement 994 Fire Rescue District Bonds 002 Fire Rescue District Bonds 994 Fire District Bond Interest	F: \$300 PRIOR 500 3,023	2006-07 0 0	2007-08 0 0	DISTRICT LO DISTRICT(s) 2008-09 0 0	CATED: SERVED: 2009-10 0	12 Systemwide 2010-11 0	2011-12	, driver trainin FUTURE 0 0	TOTAI 500 3,023 17,795 1,582	
PRAINING COMPLEX DESCRIPTION: Construct a 40,000 square foot fiftness, and aerobic areas LOCATION: 9300 NW 41 St Doral ESTIMATED ANNUAL OPERATING IMPACT DEVENUE SCHEDULE: COURT Settlement 994 Fire Rescue District Bonds 002 Fire Rescue District Bonds 994 Fire District Bond Interest 006 Capital Improvement Bonds	F: \$300 PRIOR 500 3,023 17,795 1,582	2006-07 0 0 0	2007-08 0 0 0	DISTRICT LO DISTRICT(s) 2008-09 0 0 0	CATED: SERVED: 2009-10 0 0 0	12 Systemwide 2010-11 0 0 0	2011-12 0 0 0 0	FUTURE 0 0 0 0	g, physic TOTAL 500	
PRAINING COMPLEX DESCRIPTION: Construct a 40,000 square foot fiftness, and aerobic areas LOCATION: 9300 NW 41 St Doral ESTIMATED ANNUAL OPERATING IMPACT EVENUE SCHEDULE: COURT Settlement 994 Fire Rescue District Bonds 904 Fire District Bonds 1994 Fire District Bonds 1994 Fire District Bonds 1996 Fire District Bonds 1997 Fire District Bonds 1997 Fire District Bonds 1998 Fire District Bonds	PRIOR 500 3,023 17,795 1,582 4,000 26,900 PRIOR	2006-07 0 0 0 0 0 0	2007-08 0 0 0 0 0 0	DISTRICT LO DISTRICT(s): 2008-09 0 0 0 0 0	CATED: SERVED: 2009-10 0 0 0 0	12 Systemwide 2010-11 0 0 0 0	2011-12 0 0 0 0 0	FUTURE 0 0 0 0	TOTAL 500 3,023 17,795 1,582 4,000 26,900	
PRAINING COMPLEX DESCRIPTION: Construct a 40,000 square foot fiftness, and aerobic areas LOCATION: 9300 NW 41 St Doral ESTIMATED ANNUAL OPERATING IMPACT DEVENUE SCHEDULE: COURT Settlement 094 Fire Rescue District Bonds 002 Fire Rescue District Bonds 094 Fire District Bond Interest 006 Capital Improvement Bonds 007AL REVENUE: EXPENDITURE SCHEDULE:	PRIOR 500 3,023 17,795 1,582 4,000 PRIOR 1,200	2006-07 0 0 0 0 0 0 2006-07 450	2007-08 0 0 0 0 0 0 0	DISTRICT LO DISTRICT(s): 2008-09 0 0 0 0 2008-09 0	CATED: SERVED: 2009-10 0 0 0 0 0	12 Systemwide 2010-11 0 0 0 0 0 2010-11	2011-12 0 0 0 0 0 0	FUTURE 0 0 0 0 FUTURE	TOTAL 500 3,023 17,795 1,582 4,000 TOTAL 1,650	
PRAINING COMPLEX DESCRIPTION: Construct a 40,000 square foot fitness, and aerobic areas LOCATION: 9300 NW 41 St Doral ESTIMATED ANNUAL OPERATING IMPACT DEVENUE SCHEDULE: DOUTH Settlement DOUTH Settlement DOUTH Fire Rescue District Bonds DOUTH Fire District Bonds DOUTH Fire District Bond Interest DOUTH Capital Improvement Bonds DOUTH REVENUE: EXPENDITURE SCHEDULE: Danning and Design DOUTH DOUTH BOND TO THE PROPERTY OF THE PR	F: \$300 PRIOR 500 3,023 17,795 1,582 4,000 26,900 PRIOR 1,200 0	2006-07 0 0 0 0 0 0 2006-07 450 14,000	2007-08 0 0 0 0 0 0 2007-08 0 9,875	DISTRICT LO DISTRICT(s): 2008-09 0 0 0 0 0 2008-09 0 0	CATED: SERVED: 2009-10 0 0 0 0 0 2009-10 0	12 Systemwide 2010-11 0 0 0 0 2010-11 0	2011-12 0 0 0 0 0 0 0 2011-12 0	FUTURE 0 0 0 0 FUTURE 0 0 0	TOTAL 500 3,023 17,795 1,582 4,000 TOTAL 1,650 23,875	
RAINING COMPLEX DESCRIPTION: Construct a 40,000 square foot fi fitness, and aerobic areas LOCATION: 9300 NW 41 St Doral ESTIMATED ANNUAL OPERATING IMPACT EVENUE SCHEDULE: DOURT Settlement DOURT FIT Rescue District Bonds DOUR FIT PRESCUE DISTRICT BONDS DOURT CAPITAL IMPROVEMENT DOURT SETTIMATED ANNUAL OPERATING IMPACT DOURT SETTIMATED ANNUAL OPERATING IMPACT EVENUE SCHEDULE: DOURT SETTIMATED ANNUAL OPERATING IMPACT DOURT SETTIMATED ANNUAL OPE	F: \$300 PRIOR 500 3,023 17,795 1,582 4,000 PRIOR 1,200 0 373	2006-07 0 0 0 0 0 0 2006-07 450 14,000 0	2007-08 0 0 0 0 0 0 2007-08 0 9.875 0	DISTRICT LO DISTRICT(s) 2008-09 0 0 0 2008-09 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CATED: SERVED: 2009-10 0 0 0 0 2009-10 0 0	12 Systemwide 2010-11 0 0 0 0 0 2010-11 0 0	2011-12 0 0 0 0 0 0 0 2011-12 0 0	FUTURE 0 0 0 0 FUTURE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTAL 500 3,023 17,795 1,582 4,000 TOTAL 1,650 23,875 373	
PRAINING COMPLEX DESCRIPTION: Construct a 40,000 square foot fi fitness, and aerobic areas LOCATION: 9300 NW 41 St Doral ESTIMATED ANNUAL OPERATING IMPACT DEVENUE SCHEDULE: DOITH Settlement DOITH RESCUE District Bonds DOITH FIRE DISTRICT BONDS DOITH CAPITAL BONDS DOTAL REVENUE: EXPENDITURE SCHEDULE: DOITH SCHEDULE	F: \$300 PRIOR 500 3,023 17,795 1,582 4,000 PRIOR 1,200 0 373 0	2006-07 0 0 0 0 0 0 2006-07 450 14,000 0	2007-08 0 0 0 0 0 0 2007-08 0 9,875 0 350	DISTRICT LO DISTRICT(s) 2008-09 0 0 0 0 2008-09 0 0 0 0 0 0 0 0 0 0 0 0	CATED: SERVED: 2009-10 0 0 0 0 2009-10 0 0	12 Systemwide 2010-11 0 0 0 0 2010-11 0 0 0	2011-12 0 0 0 0 0 0 2011-12 0 0 0	FUTURE 0 0 0 FUTURE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTAI 500 3,023 17,795 1,582 4,000 TOTAI 1,650 23,875 373	
PRAINING COMPLEX DESCRIPTION: Construct a 40,000 square foot fiftness, and aerobic areas LOCATION: 9300 NW 41 St Doral	F: \$300 PRIOR 500 3,023 17,795 1,582 4,000 PRIOR 1,200 0 373	2006-07 0 0 0 0 0 0 2006-07 450 14,000 0	2007-08 0 0 0 0 0 0 2007-08 0 9.875 0	DISTRICT LO DISTRICT(s) 2008-09 0 0 0 2008-09 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CATED: SERVED: 2009-10 0 0 0 0 2009-10 0 0	12 Systemwide 2010-11 0 0 0 0 0 2010-11 0 0	2011-12 0 0 0 0 0 0 0 2011-12 0 0	FUTURE 0 0 0 0 FUTURE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTAL 500 3,023 17,795 1,582 4,000 TOTAL 1,650	

1,573

Project Contingency

TOTAL EXPENDITURES:

14,450

10,877

26,900

DEPARTMENT OF

Dept. of Business Development

Project Worksheet

Project/Contract Title:

CONSTRUCTION SERVICES FOR THE MIAMI-DADE FIRE RESCUE

RC Date:

02/21/2007

3-02

Project/Contract No:

TRAINING FACILITY (SIC 15) A05-FIRE-01-CON

Funding Source:

Item No:

Department:

MIAMI DADE FIRE RESCUE

SPECIAL OBLIGATION BONDS

Resubmittal Date(s):

Description of Project/Bid:

Estimated Cost of Project/Bid: \$26,415,258.00

CONSTRUCTION OF A FIRE RESCUE TRAINING FACILITY ON COUNTY OWNED PROPERTY LOCATED AT 9300 NW 41ST

STREET, MIAMI-DADE COUNTY.

s Conservation of the second	Measure Goal	Program CSBE	Goal Percent 20.07%	the state of species and designed and species of the state of the	and the second s
(1)		easons for Recommenda	ion .		A SA
An analysis of the factors con project in the trade categories 12.50%).	tained in section VI C of of Electrical Contractor	f Administrative Order 3-2 s (electrical - 7.57%) and	2 indicate that a 20% C All Other Heavy Constru	SBE goal is approciation (sitework,	opriate for the demolition -
CWP Not Applicable: Project	not located in a DTA.				
The design portion of this pro	ject was presented befor	e the Review Committee o	n 7/06/2006 with a 25%	CBE goal.	
		isdor-Kerommendation	fa (Gost	ie i Nasterija e	
				% of Items	
Subtrade		Cat.	Estimated Value	to Base Bid	Availabili
All Other Heavy Construction Electrical Contractors		CSBE CSBE	\$3,301,907.25 \$1,999,635.03	12.50% 7.57%	18 43
		Total	\$5,301,542.28	20.07%	
grand-consequenting	gant a special control of the special control	Findament contract the second contract to the	ACCOUNTS AND ADDRESS OF THE PARTY OF T		
ng Wages: YES				uction: YES	NO
ponsible Wages: YES X	<i>-</i>	uilding: YES X NO			
nance 90-143 is applicable to all c		(00,000 that do not utilize re	CONTROL OF A BASIC STORY SAFERS OF THE SAFE SAFE SAFE SAFE SAFE SAFE SAFE SAF		
Tier 1 Set Aside		THE STREET STREET, STR			
Set Aside	Level 1		Le		
Trade Set Aside (MCC)		Goal 20%	O CSBE Bio	l Preference	
No Measure	n 10:	Deferred	Sel	ection Factor	
Mark 11	01	અંત			